Compact Ni-Cd/Ni-MH Battery Charger

OWNER'S MANUAL — Please read before using this equipment.

Your RadioShack Compact Ni-Cd (nickel cadmium)/Ni-MH (nickel metal hydride) Battery Charger is designed to charge two or four batteries — AA and AAA types.

Its features include:

Two Charging Indicators — an indicator lights during charging for each battery type (Ni-Cd or Ni-MH), and turns off when charging is complete.

Reverse Polarity Protection — protects the charger and batteries against damage from incorrectly installed batteries.

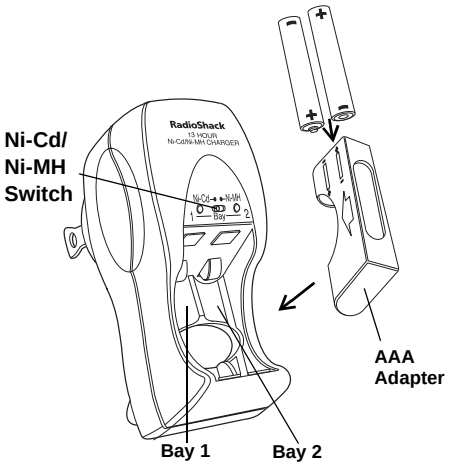
Automatic Timer Shut-Off — turns off the charger to prevent overcharging the batteries.

OPERATION

1. *To charge two Ni-Cd or Ni-MH AA batteries*, install both into **BAY 1** as indicated by the polarity symbols (+ and –) marked inside the compartment, then slide **Ni-Cd/Ni-MH** to the appropriate setting.

   Note: Both batteries must be installed in the same bay.

   To charge two Ni-Cd or Ni-MH AAA batteries, install both into the supplied AAA battery adapter as indicated by the polarity symbols (+ and –) marked on the adapter. Then install the battery adapter into **BAY 1** with the battery contacts facing the top of the bay and the arrow marked on the adapter pointing toward the back of the charge bay and set **Ni-Cd/Ni-MH** to the appropriate setting.



2. *To charge four Ni-Cd or Ni-MH AA batteries*, install two batteries into each bay as indicated by the polarity symbols (+ and –) marked inside each compartment, then slide **Ni-Cd/Ni-MH** to the appropriate setting.

   To charge four Ni-Cd or Ni-MH AAA batteries, install four batteries into the two supplied AAA battery adapters as indicated by the polarity symbols (+ and –) marked on the adapters. Then install an adapter into each bay with the battery contacts facing the top of the bay and the arrows marked on the adapters pointing toward the back of the charge bay, and slide **Ni-Cd/Ni-MH** to the appropriate setting.

   Cautions:

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- Do not mix battery types. (Ni-Cd and Ni-MH).
- Do not mix AA and AAA battery sizes.

Note: The charger does not charge if you install two AA or AAA batteries into **BAY 2** and leave **BAY 1** empty.

3. Lift the prongs of the AC plug until the plug snaps into place. Plug the charger into a standard AC outlet. The plug is polarized to fit in the outlet only one way. The red indicator lights when you are charging Ni-Cd batteries; the green indicator lights if you are charging Ni-MH batteries.

4. When the batteries finish charging, the indicator turns off. Unplug the charger from the outlet, then remove the batteries or AAA battery adapter(s) from the charger.

Charging Batteries with Different Capacities

The charger can be used to recharge Ni-Cd batteries with capacities greater than 850 mAh and Ni-MH batteries with capacities greater than 1600 mAh. Simply reset the charger to begin a second charge cycle for batteries with larger capacities. For batteries with less capacity, simply remove batteries before the charge cycle is complete, based on estimated charge times in the following chart.

Battery Type	Battery Capacity (mAh)	Estimated Charging Time
AA	600	5 hr.
AA	700	5 hr., 45 min.
AA	850	7 hr.
AA	1000	8 hr., 15 min.
AA	1500	12 hr., 20 min.
AA	1600	13 hr., 10 min.
AAA	180	3 hr., 35 min.
AAA	550	11 hr.
AAA	600	12 hr.

Note: Batteries will not be damaged by leaving them in the charger until the timer turns it off.

To calculate the charge time for your battery, based on its rated capacity, use the following formulas.

- *For AA batteries:* Charge time in hours = the capacity of your battery × .0082
- *For AAA batteries:* Charge time in hours = the capacity of your battery × .02

SAFETY INSTRUCTIONS

To enjoy your charger for a long time:

- Do not expose the charger to rain or excessive moisture.
- Never operate the charger if it has received a sharp blow or been dropped or damaged in any way. Have it repaired by qualified service personnel.
- Do not disassemble the charger. Have it serviced by qualified service personnel only. Incorrect assembly can result in a risk of electric shock or fire.
- To reduce the risk of electric shock, unplug the charger from the outlet before attempting any maintenance or cleaning.

SPECIFICATIONS

Input ..... AC 120V, 60 Hz

Output ..... DC 2.8V, 170 mA × 2 for AA Batteries
70 mA × 2 for AAA Batteries

Dimensions.....$4^{11}/_{16} \times 2^{1}/_{4} \times 2^{3}/_{16}$ Inches
(119.1 × 57.2 × 55.6 mm)

Weight ..... 8.36 oz
(237g)

Safety Timer ..... 7 Hours for Ni-Cd;13 Hours for Ni-MH

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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